

From: glowbugs@sco.theporch.com Wed Mar 12 22:39:47 1997
Return-Path: <glowbugs@sco.theporch.com>
Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])
by uro.theporch.com (8.8.5/AUX-3.1.1)
with ESMTP id WAA13938 for <shimshon@uro.theporch.com>;
Wed, 12 Mar 1997 22:39:46 -0600 (CST)
From: glowbugs@sco.theporch.com
Received: from sco.theporch.com (localhost [127.0.0.1])
by sco.theporch.com (8.8.5/SCO-5.0.2) with SMTP
id EAA17610; Thu, 13 Mar 1997 04:35:32 GMT
Date: Thu, 13 Mar 1997 04:35:32 GMT
Message-Id: <199703130435.EAA17610@sco.theporch.com>
Errors-To: ws4s@infoave.net
Reply-To: glowbugs@sco.theporch.com
Originator: glowbugs@sco.theporch.com
Sender: glowbugs@sco.theporch.com
Precedence: bulk
To: Multiple recipients of list <glowbugs@sco.theporch.com>
Subject: GLOWBUGS digest 472
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Please send list server requests to listproc@sco.theporch.com
Status: 0

GLOWBUGS Digest 472

Topics covered in this issue include:

- 1) Colorburst Sprint Reminder
by Conard Murray <ws4s@InfoAve.Net>
- 2) Tubes needed
by "Brian Carling" <bry@mail1.mnsinc.com>
- 3) Glowbugs; A GREAT Group-- AC5AM
by ac5am@juno.com (Robert L Stolzle)
- 4) Crystal sets on ham bands
by Jeffrey Herman <jeffreyh@hawaii.edu>
- 5) A good book - but not a review...
by "R. Eric Sluder" <sludere@gte.net>
- 6) Re: A good book - but not a review...
by "R. Eric Sluder" <sludere@gte.net>
- 7) Re: Crystal sets on ham bands
by James Parsons <k5rov1@worldnet.att.net>
- 8) Re: Crystal sets on ham bands
by James Parsons <k5rov1@worldnet.att.net>
- 9) Re: A good book - but not a review...
by macino <macino@ibm.net>
- 10) Re: Crystal sets on ham bands
by leeboo@ct.net (Leon Wiltsey)
- 11) FS Enclosed 19" relay rack with 74" for goodies

by "Robert P. Buehlmann" <w4tim@mindspring.com>

Date: Tue, 11 Mar 1997 23:51:13 -0600
From: Conard Murray <ws4s@InfoAve.Net>
To: glowbugs@sco.theporch.com
Subject: Colorburst Sprint Reminder
Message-ID: <2.2.32.19970312055113.00a81608@infoave.net>

>Return-path: <owner-qrp-1@Lehigh.EDU>
>Date: Tue, 11 Mar 1997 22:40:27 -0500 (EST)
>From: Ted Albert <72437.651@CompuServe.COM>
>Subject: Colorburst Sprint Reminder
>Sender: owner-qrp-1@Lehigh.EDU
>To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
>X-To: qrp-1@Lehigh.EDU
>Reply-to: 72437.651@CompuServe.COM
>X-Listprocessor-version: 8.1 beta -- ListProcessor(tm) by CREN
>
>The sixth night of the Colorburst Sprint is this Thursday, 3/13/97,
>from 9-10PM EST. Participation last week was again very strong with many
>stations running crystal-control and/or tube transmitters. Stations able
>to do so are encouraged to tune around their transmit frequency for
>responses from stations running fixed crystal-control. Don't forget that
>the Colorburst Sprint presents a great opportunity to get contacts with
>that Pixie or 80-9er rig, and you may get the opportunity to work a QRP
>glowbug station, as members of the Glowbug list will be joining us for
>this event.
>
>After the Sprint has closed at 10PM EST, I will switch to 3.686 Mhz and
>look for QRP contacts. I modified this year's transmitter to offer 3 crystal
>frequencies, 3.560, 3.579 and 3.686 Mhz.
>
>Attached with this note are the rules for the Colorburst Sprint.
>
>Hope you can join us!
>
>72 de Ted, KF8EE
>NE404
>
>-----
>Announcing the :
>
>QRP-NE (QRP Club of New England)
>
> 79er SPRINT
> -----

>
>When: Each Thursday evening during February and March, 1997
>
>Modes: CW - Crystal and VFO Control
>
>Freq: ~ 3.579 MHz
>
>Power Level - 5 Watts or less output power
>
>Time: 9:00 - 10:00 p.m. EST
>
>Exchange - RST QTH NE#X NAME; ie.....579 OH NE404X Ted
>
>Members use QRP-NE number; NE404 and add X if XTAL control; NE404X
>Non-members use Power Level; 4W and add X if XTAL control; 4WX
>
>QSOs are cumulative: Work the same station on subsequent Thursdays.
>Score: QSOs X SPC. Crystal Station Bonus: Total score X 1.5.
>
>The 79er transmitter was NE-QRP's first club project. It uses a
>3579.545 kHz crystal to set the frequency. These crystals are used in
>the colorburst oscillator of all color TV sets in the United States
>and Canada, and in other devices as well.
>
>The 79er event is an on-the-air get together, not a contest.
>Crystal-controlled stations append the letter "X" to their calls,
>such as "KF8EE/X." Yes, it's legal. We hope this event will stimulate
>everyone to build a crystal-controlled transmitter to use during the event!
>
> Send Logs to: Ted Albert, KF8EE
> 1924 Timberidge Drive
> Loveland, OH 45140
> (or)
>
> e-mail Logs to: 72437.651@compuserve.com
>
>Logs need to be received by April 30, 1997. Results will be published
>in "72". State Output Power Level, Type of Rig, and Antenna Type on logs.
>Include comments on the event or how you built your crystal-controlled
>transmitter for inclusion in the report in "72".
>
>
>Watch out: W1AW transmits bulletins at 10:00 pm. on 3.581 MHz
>
>-----
>
>Transmitter Reference articles:
>

>In case you were wondering, "79er" comes from 3.579 MHz
>
>Articles abound on building a simple crystal-controlled transmitter
>for 80 meters. Try the "Universal QRP Transmitter", page 26 of
>"Solid State Design " (ARRL), or "The Oner" (Sprat), or "The Cubic Incher"
>(ARRL), or "The 79er"/"Colorburst Special" (QRP-NE).

>
>-----
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>
>

.-.-.-.-.-
. Conard Murray WS4S Glowbugs listowner .
. 217 Dyer Avenue ws4s@infoave.net .
. Cookeville, TN 38501 615-526-4093 .
. <>< Wise men still seek Him ><> .
. Member Arizona ScQRPions QRP-L # 993 .
. -.-.-.-.-

Date: Wed, 12 Mar 1997 07:08:27 +0000
From: "Brian Carling" <bry@mail1.mnsinc.com>
To: glowbugs@theporch.com
Subject: Tubes needed
Message-ID: <199703121207.HAA06645@news2.mnsinc.com>

Hi - I need some ECL80 and ECL82 and ECL86 tubes please.

U.S. equivalents are 6AB8, 6BM8 and 6GW8. Anyone have these?

This is to build some simple 1-tube QRP transmitters I want to try.

Anyone have some they don't need? E-mail me please.

bry@mnsinc.com

*** 73 from Radio AF4K / G3XLQ in Gaithersburg, MD USA *
** E-mail to: bry@mnsinc.com *
*** See the great ham radio resources at: *
** <http://www.mnsinc.com/bry/> *

Date: Wed, 12 Mar 1997 10:43:43 EST
From: ac5am@juno.com (Robert L Stolzle)

To: glowbugs@sco.theporch.com
Subject: Glowbugs; A GREAT Group-- AC5AM
Message-ID: <19970312.093832.3358.1.ac5am@juno.com>

Thanks to all for the info on the Drake rigs. I am overwhelmed by the friendly response of this group.

Started my second ham career on 7050 with the Conar and a Knwd R-2000 receiver back in June of 1995. Made many contacts until I got tired of being rock bound. Well, I will be back on 7050 around 2200Z and again about 2330Z or so. Hope to work other glowbugs. I will call CQ BA. You won't have any trouble recognizing me, I'll be the one with the little chirp.

(Well, not too bad anyway.) Running about 10 watts output. Also will be jumping in the Colorburst Sprint Thursday night. See you all on the air.

Again, Thanks to all. What a GREAT group here on the glowbugs list.

73,

Bob, AC5AM (ex. K5QYY vintage 1958)
Natchitoches, Louisiana

Date: Wed, 12 Mar 1997 06:56:05 -1000
From: Jeffrey Herman <jeffreyh@hawaii.edu>
To: Glowbugs List <glowbugs@theporch.com>
Subject: Crystal sets on ham bands
Message-ID: <Pine.GS0.3.95q.970312065250.25764A-100000@uhunix3>

A thread was started on the BA list regarding using crystal receiving set on the ham bands. That seems like a great topic for the GB folks! Enclosed is the latest article. For those *really* interested in crystal sets don't forget about the XTAL SET SOCIETY - they publish a quarterly magazine and handbooks on the subject.
Jeff KH2PZ

From: mashaum@fcg.net (Mark Shaum)
To: boatanchors@theporch.com (Boatanchors List)
Subject: Ham bands on a crystal set, ideas

Al asks:

>With all the informative folks on the BA Net someone may have an answer.
>Over the years I have given many boxes of electronics to the young
>people and helped promote engineers and Hams. A few days ago a young
>would-be Ham asked me if one could receive the Ham Bands on A Crystal
>Set. I had no answer, has anyone out there.

Well, back in the Chicago 'burbs I could copy a local ham (Mark, KA9FBX) using my 80 meter zepp and a 1N34 diode, .05 uf rf filter cap and high impedance cans during the Saturday morning Midwest Classic Radio Net on 3885. Bear in mind that Mark was only about 5 miles from me, and generally ran a Globe King 500.

Note that with this total lack of RF selectivity, I could also hear WBBM, the local AM field strength king at that QTH anytime Mark was not providing a carrier. Sort of an AM capture effect.

Back as a pre-novice, I tried to build a fancy crystal set back in the Detroit area with a double tuned front end (on oatmeal boxes) feeding an audio amp. Even with series traps to attenuate local AM broadcast carriers, I was not sucessful in hearing anything shortwave. A frequency-selective antenna might have helped.

I suspect that one could hear shortwave signals on a crystal set with sufficient front end selectivity to keep any local signals below the level of the desired signal. Assuming the desired signal was strong enough to rectify in the first place! Try a biased crystal/diode. Maybe helical filters or one of those multi paint-can cavities for 3.5 Mhz that the multiop contesters use for bandpass/reject would also lead to a working SW crystal set for 75m AM...

Methinks this could be a fun project for list members. How long before we have a 2-way contact with a zero power receiver at both ends? No bias batteries, solar cells, etc. allowed! Strictly RF driven. Now.. someone with a good loud local AM station could possibly make a separate crystal set that would have the goal of providing DC from the rectified signal for use in supplying active voltage to the shorwave set.. lots of possibilities! I'm partial to biased semiconductor diodes for low level detection, it seems!

73! - Mark

Mark Shaum, K9TR
mashaum@fcg.net

Date: Wed, 12 Mar 1997 12:01:49 -0800

From: "R. Eric Sluder" <sludere@gte.net>
To: glowbugs@sco.theporch.com
Subject: A good book - but not a review...
Message-ID: <33270BAD.69B@gte.net>

I'm a beginner at this regen. stuff so whilst at a local Indy hamfest last weekend I came across a book written by C. F. "Rock" Rockney called "Secrets of Homebuilt Regenerative Receivers." The book is published by Lindsay Publications copyright 1996.

I couldn't believe my eyes - a book for beginners on Regens! I've gotten as far as 27 pages and it looks like it will be a good book for those of us who need/want to understand regeneration; challenges faced in building them, practical ways to construct one, and tips like how to remove old tubes from their base for reuse as crystal sockets....

It's only 127 pages long and costs about \$8.00 - good things do come in small packages!

I'll let everyone know how good the book is when I build my first regen. from scratch and work some of you with it.

Thought some of you might want to know about it. The fellow who sold it to me is a hamfest book dealer; unfortunately I've forgotten the name of the company but they will be at Dayton. I'd guess you could contact Lindsay directly and pay a little more for a copy.

It was a good day for me, also came across a box of 40 or so NOS tubes that all said "26" "27" "30" "80" & "01A" on them. I bought them for .50 each! I'm still shaking over that find.

Now, back to the 50C5 transmitter project...

73,

Eric
KB9BGS

P.S. I guess I'll say the same as everyone else, NO I don't work for Lindsay publications or am I in anyway shape or form associated with them.

Date: Wed, 12 Mar 1997 12:53:21 -0800
From: "R. Eric Sluder" <sludere@gte.net>
To: "'AB7HI' Stephen Lee" <slee@u.washington.edu>

Subject: Re: A good book - but not a review...
Message-ID: <332717C1.4825@gte.net>

Good point Stephen here tis'

ISBN 1-55918-170-2

They say they have a catalog available upon request. Here's the address:

Lindsay Publications Inc.
PO Box 12
Bradley, IL 60915-0012

73,

Eric

'AB7HI' Stephen Lee wrote:

>
> Please post the ISBN of this treasure. It's the bar code
> imprinted on the back cover. With that number I can more
> easily source this book from any book store. Many thanks!!!
>
> Stephen Lee, AB7HI

Date: Wed, 12 Mar 1997 12:15:42 -0600
From: James Parsons <k5rov1@worldnet.att.net>
To: glowbugs@theporch.com
Subject: Re: Crystal sets on ham bands
Message-ID: <1.5.4.32.19970312181542.006671f4@204.127.3.1>

At 04:57 PM 3/12/97 +0000, you wrote:

>A thread was started on the BA list regarding using crystal receiving
>set on the ham bands. That seems like a great topic for the GB folks!
>Enclosed is the latest article. For those *really* interested in
>crystal sets don't forget about the XTAL SET SOCIETY - they publish
>a quarterly magazine and handbooks on the subject.
>Jeff KH2PZ
>

Back in 1938 I built my first crystal set. At that time the police operated AM just above the 160 meter band. Also, the HAMS operated AM on 160. That is where I first found out about HAM radio. I would listen to the police calls,

and every once in a while I would hear a HAM. That was so exciting that I had to find out more about it, and went on to become part of this great hobby.

I had to wait for the local broadcast stations to go off the air to hear the police and HAMS. I was living in Boston, and most stations went off after midnight. I built a bunch of crystal sets, tried many circuits, and even connected an old Baldwin horn so I could listen without headsets. It wasn't loud, but it worked. My headsets were old Murdochs, which were made in my home town of Chelsea, Mass.

One day I read where the crystal was made of a mineral called galena, and that was actually lead sulphite. My 12 year old mind reasoned that if I mixed sulphur and solder (for the lead), I could make my own crystal. Galena was very hard to get by that time.

I paid ten cents for a bottle of sulphur at the local drug store. I put the sulphur in with a bunch of solder and put it on the gas stove in my kitchen. We lived in a four family apartment. I turned on the fire under my mixture, and the flames jumped! Yellow smoke filled the air.

When the fire department let everybody back into the building, some of the neighbors had a few words for me, but that was nothing compared to what I heard from my family. And, I never even got to try my homemade crystal.

I also bought a philmore crystal set that was advertised on the back of funny books. I had a paper route and thats how I paid for all of this.

Anyway, it was a great start to a HAM career, mainly as a builder. I have loved crystal sets ever since.

Not QRP, but fun to think about...

Jim, K5ROV

EX: KA2FC (JAPAN), KA2JP (JAPAN), SVOWN (CRETE), SVOWN (RHODES),
DL4NC, W1RLA, K4FEO, K5FBB

John 3:16

Date: Wed, 12 Mar 1997 17:04:01 -0600
From: James Parsons <k5rov1@worldnet.att.net>
To: "Andy Howard, WA4KCY" <sweetbay@compuserve.com>
Cc: glowbugs@theporch.com
Subject: Re: Crystal sets on ham bands
Message-ID: <1.5.4.32.19970312230401.00672024@204.127.3.1>

At 09:43 PM 3/12/97 +0000, you wrote:

>>
>> I also bought a philmore crystal set that was advertised on the back of
>> funny books. I had a paper route and thats how I paid for all of this.
>>
>> Anyway, it was a great start to a HAM career, mainly as a builder. I have
>> loved crystal sets ever since.
>>
>
>
>James,
>
>Bet that outfit on the back of the comic book was Johnson Smith Company in
>Detroit.
>They still exist after moving to Mt. Clemons and now to Florida. I have
>seen one of their catalogs in recent years. They are not into crystal
>radios anymore but still have all the wonderful gags and joke items.
>
>Bought my first detector from them for 25 cents in 1948.
>
>Regards,
>
>~~~~~
>Andrew E. (Andy) Howard, Sr., WA4KCY

Gosh, Andy, it sure was Johnson Smith Company. I have been trying to
remember that name for years. I used to gaze at all the goodies they had,
but just couldn't afford much, even though the stuff was not expensive. That
was right at the upturn from the depression, and not many had much money. In
fact, very few hams had commercial rigs.

Thanks for reminding me of the name. Interesting that they are still in
business...

73

Jim, K5ROV
EX: KA2FC (JAPAN), KA2JP (JAPAN), SV0WN (CRETE), SV0WN (RHODES),
DL4NC, W1RLA, K4FEO, K5FBB
John 3:16

Date: Wed, 12 Mar 1997 15:10:23 -0500
From: macino <macino@ibm.net>
To: sludere@gte.net
Subject: Re: A good book - but not a review...
Message-ID: <33270DAF.28BD@ibm.net>

R. Eric Sluder wrote:

>
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> 73,
>
> Eric
> KB9BGS
>
> P.S. I guess I'll say the same as everyone else, NO I don't work for
> Lindsay publications or am I in anyway shape or form associated with
> them.

Next time you're out 'goofing around' on a Saturday morning.
get on I-69 and come North to exit 111 and you are about 1
block from Pembleton Electronics. Guys in this group would
kill to be as close as you are to this mecca of Glowbug parts.
He's only open til noon on Saturday. Get on 146.88 or 146.76
and everybody in Fort Wayne know where it's at. He's about 20
times larger than MAI.

Jim W9LZ

Date: Wed, 12 Mar 1997 21:19:52 -0500 (EST)
From: leeboo@ct.net (Leon Wiltsey)
To: GLOWBUGS@SCO.THEPORCH.COM
Subject: Re: Crystal sets on ham bands
Message-ID: <199703130219.VAA22927@blue.ct.net>

>Date: Thu, 13 Mar 1997 00:31:00 GMT
>Errors-To: ws4s@infoave.net
>Reply-To: k5rov1@worldnet.att.net
>Originator: glowbugs@sco.theporch.com
>Sender: glowbugs@sco.theporch.com
>Precedence: bulk
>From: James Parsons <k5rov1@worldnet.att.net>
>To: Multiple recipients of list <glowbugs@sco.theporch.com>
>Subject: Re: Crystal sets on ham bands
>X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
>X-Comment: Please send list server requests to listproc@sco.theporch.com
>
>At 09:43 PM 3/12/97 +0000, you wrote:
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>>Andrew E. (Andy) Howard, Sr., WA4KCY
>
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>Thanks for reminding me of the name. Interesting that they are still in
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>

>73

>

>Jim, K5ROV

>EX: KA2FC (JAPAN), KA2JP (JAPAN), SV0WN (CRETE), SV0WN (RHODES),

>DL4NC, W1RLA, K4FEO, K5FBB

>John 3:16

>

>

>

Thank the good LORD for all that you have!!!

Leon B Wiltsey jr. (Lee)

68yr old semi disabled senior
(stroke got my balance and coordination)
play keyboard and sing
music 1920's to 60'
none of the 80'S- 90'S noise

Date: Wed, 12 Mar 1997 22:46:44 -0500 (EST)
From: "Robert P. Buehlmann" <w4tim@mindspring.com>
To: Multiple recipients of list <glowbugs@sco.theporch.com>
Subject: FS Enclosed 19" relay rack with 74" for goodies
Message-ID: <1.5.4.16.19970312235514.126f66b4@pop.mindspring.com>

>To: glowbugs@sco.theporch.com

>From: "Robert P. Buehlmann" <w4tim@mindspring.com>

>Subject: FS Enclosed 19" relay rack with 74" for goodies

>

>Fellow weight lifters in need of piling it higher i:e PHH degree holders

>

> Have one enclosed 19 inch relay rack on large casters that has 74
inches

>of space for those chassis you need to get off the floor. Unit is 21 inches

deep

>and has removable rear door. Currently disassembled; it could be crated for
>shipping but pickup would be preferable. Certainly will not go UPS. Unit is
abt an 8+ out of 10 in condx. Open to offers and, if so desired, shipping costs.

>

>

>73 de Tim W4TIM

>

End of GLOWBUGS Digest 472
